

FIG. 2

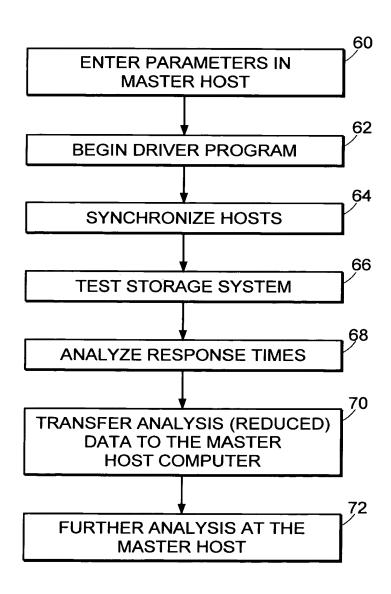


FIG. 3

	NUMBER OF LOGICAL DISKS
	NUMBER OF "CHILD" PROCESSES TO START
ı	NUMBER OF CAPTURE RESPONSE TIMES
	NUMBER OF RESPONSE TIMES
REQUIRED	BUFFER SIZE
	OFFSET SIZE
	MAXIMUM RANGE
	TIME OF TEST
	READ/WRITE SIZE
	READ/WRITE MIX

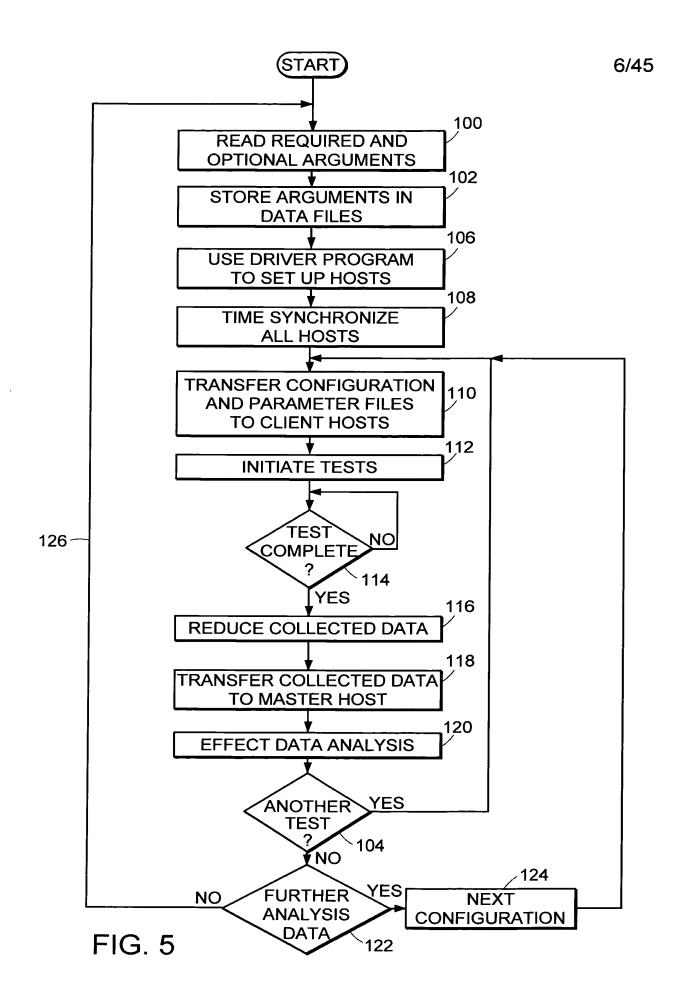
FIG. 4A

FIG. 4B

FIG. 4A

ID OF DEVICES BEING TESTED ID OF MASTER & CLIENT HOSTS I/O TYPE (SEQUENTIAL OR RANDOM) NUMBER OF I/O OPERATIONS PERFORMED TO CORRECT OFFSET DISPLACEMENT FROM OFFSET DELAY BETWEEN COMMANDS INITIAL BYTE OFFSET NUMBER OF SEEKS FOR RANDOM I/O DATA REDUCTION METHOD ICDA PERCENT HIT RATE

FIG. 4B



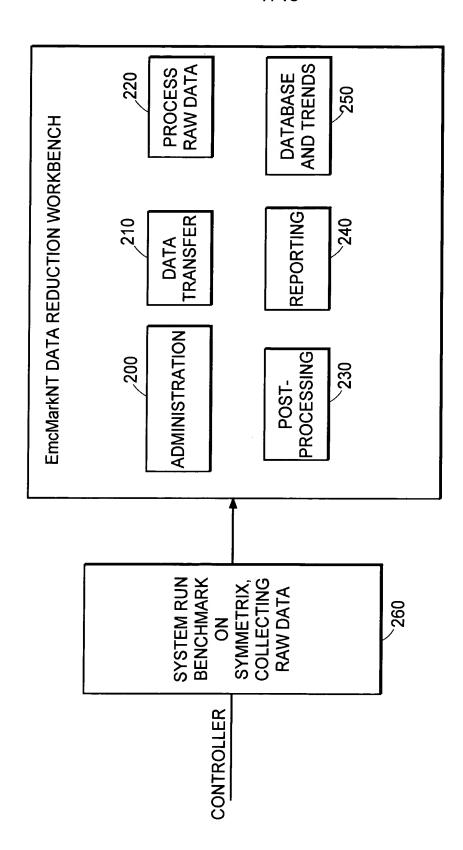
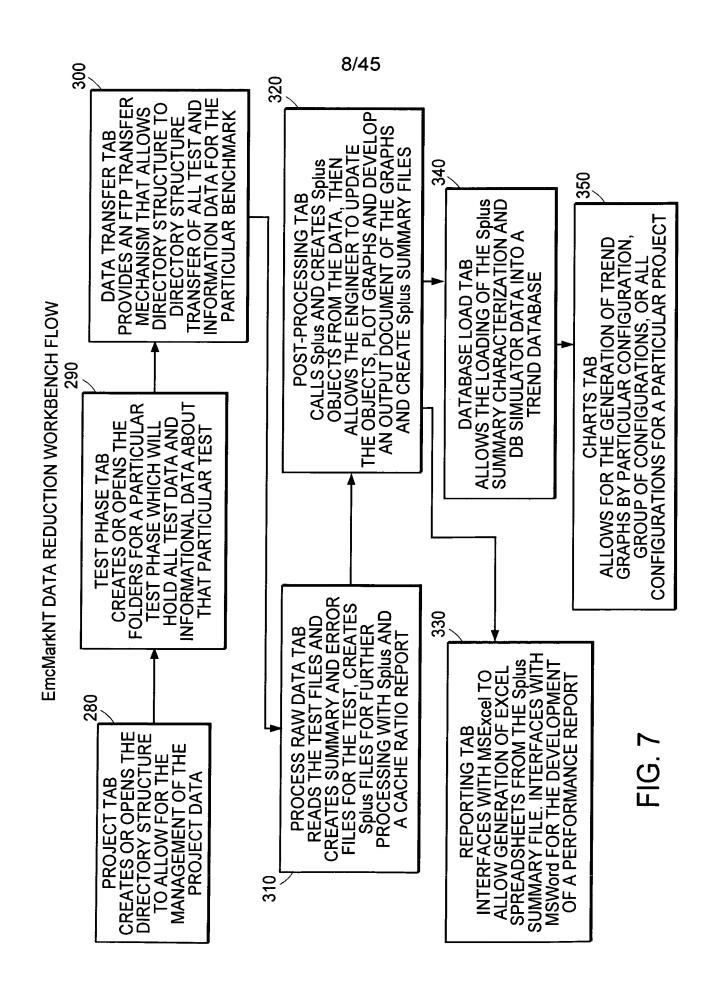
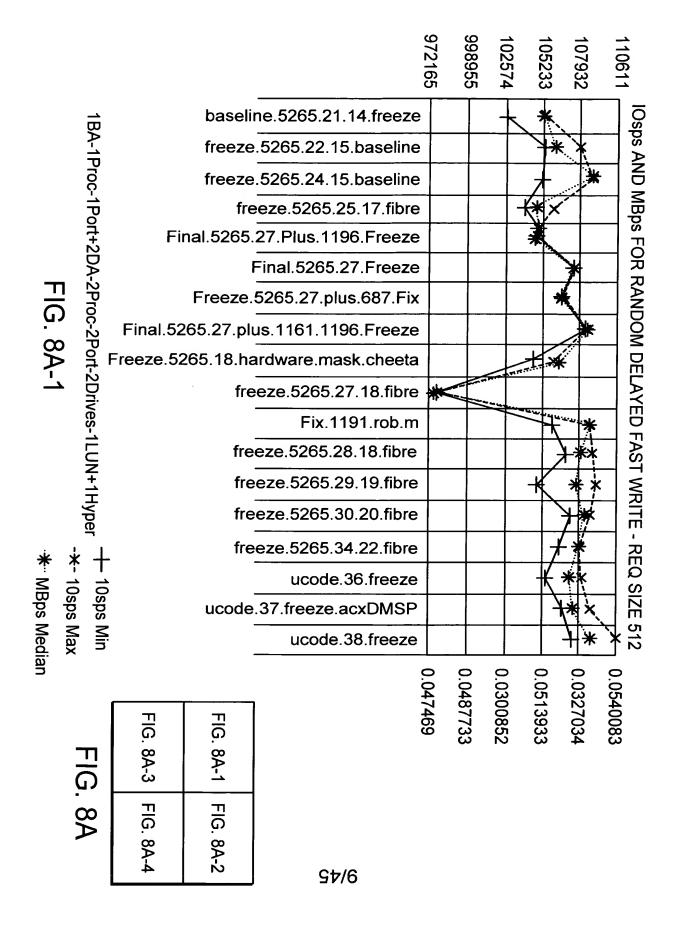
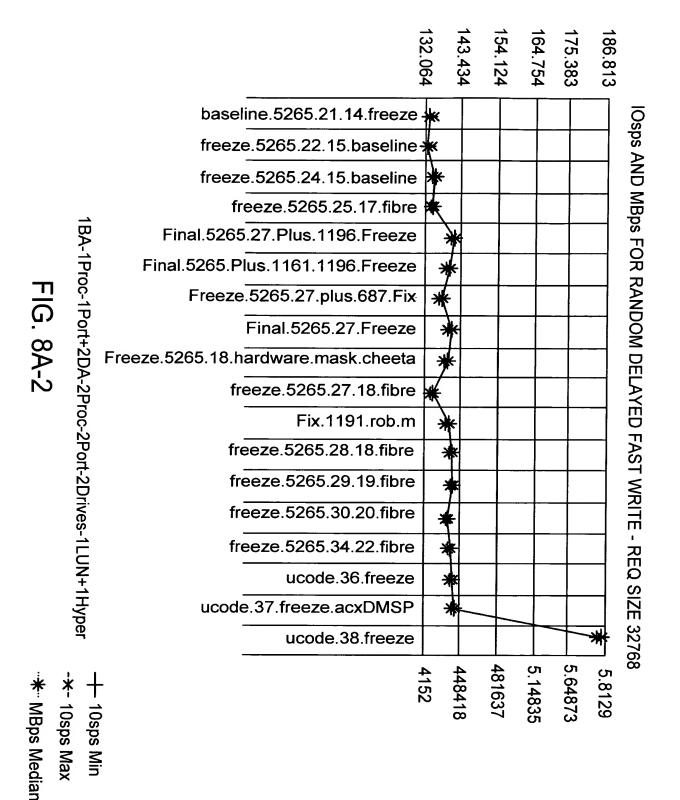
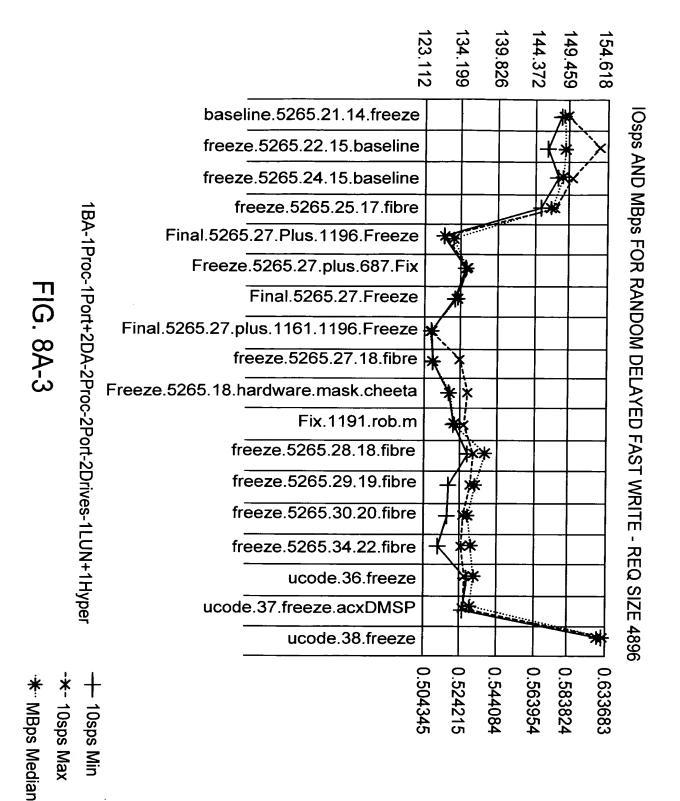


FIG. 6

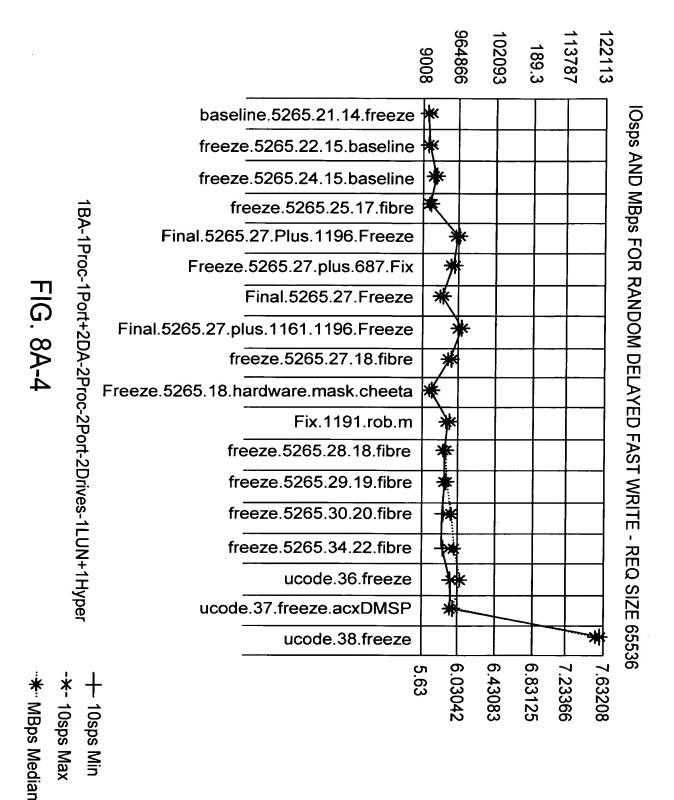








97/11



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BA-4BAProc-4BAPort+4DA-2DAProc-2DAPort-2Drives-2Lun+4Hyper-4

IOsps AND MBps FOR RANDOM DELAYED FAST WRITE - REQ SIZE 512

91/81

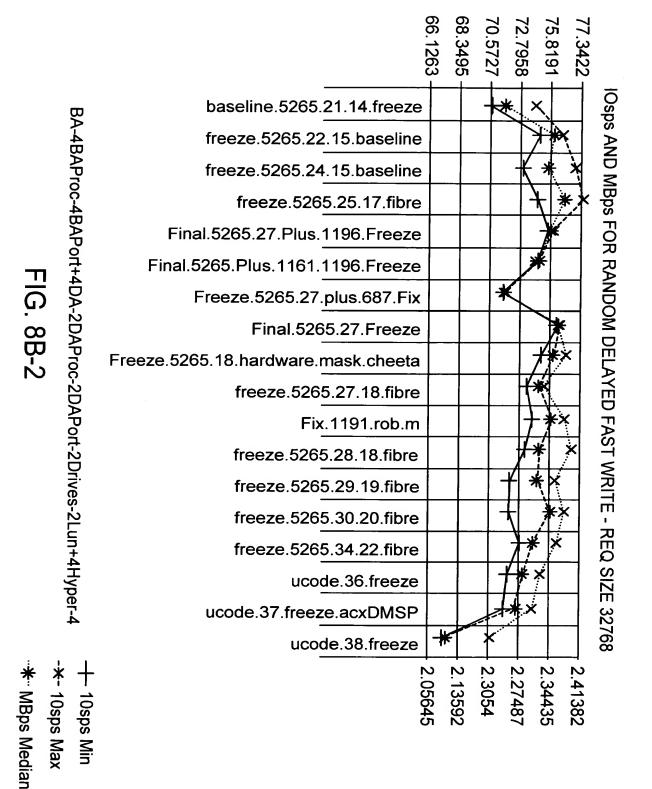
* MBps Median

·¥- 10sps Max

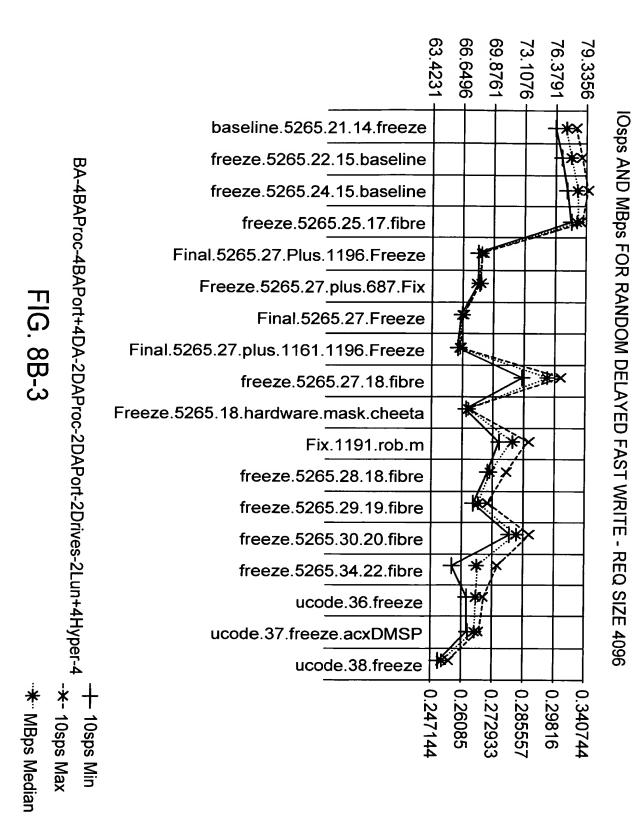
十 10sps Min

FIG. 8B-4

FIG. 8B-2



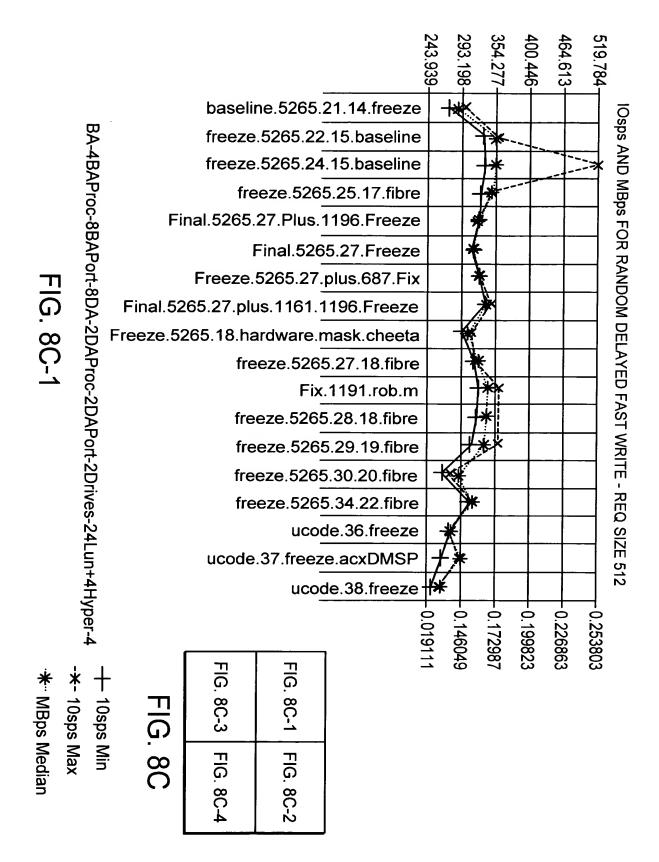
9b/bl



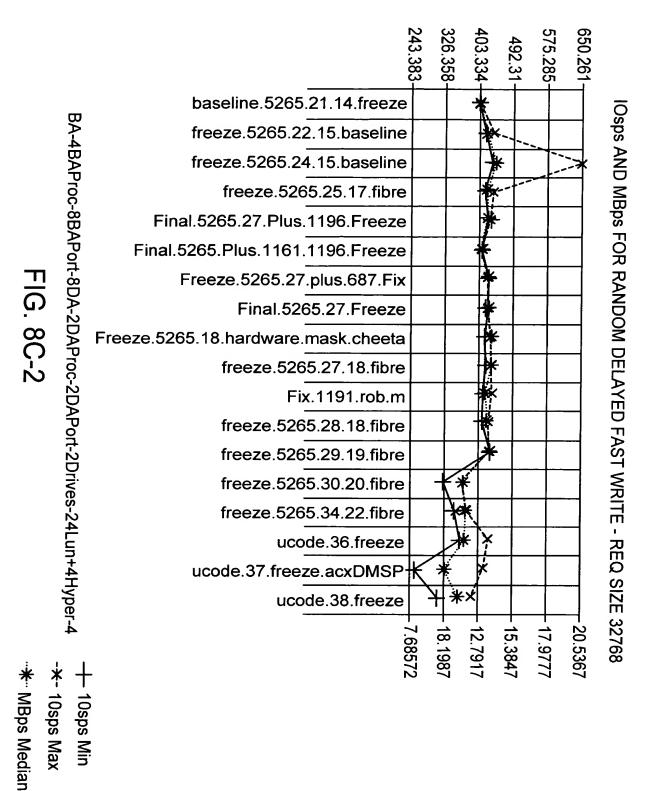
97/91

IOsps AND MBps FOR RANDOM DELAYED FAST WRITE - REQ SIZE 65536

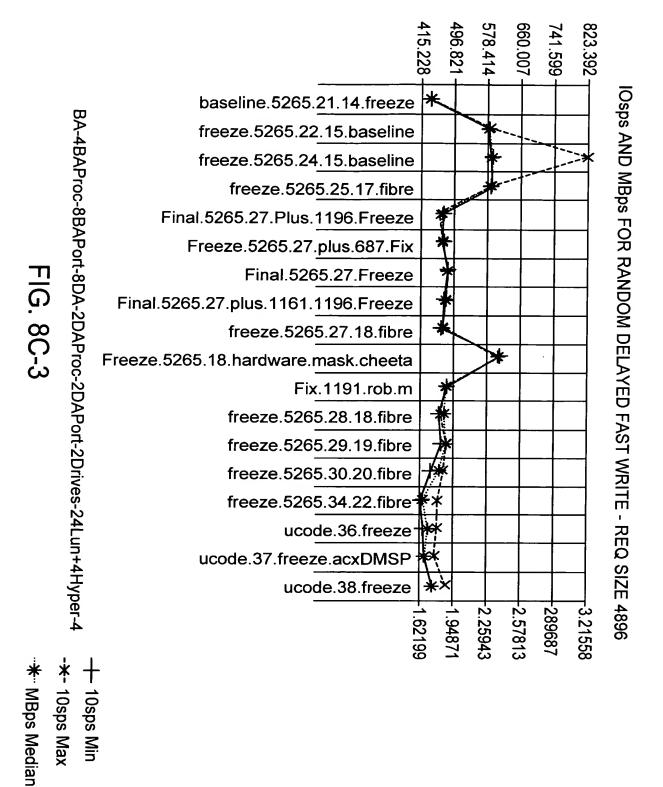
9t/9L



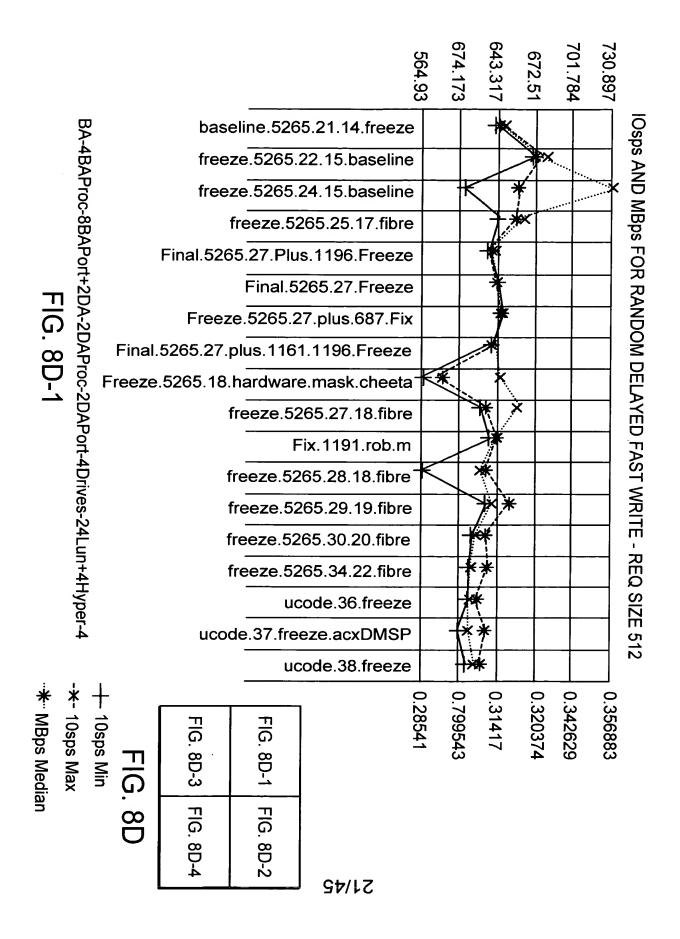
St/LL

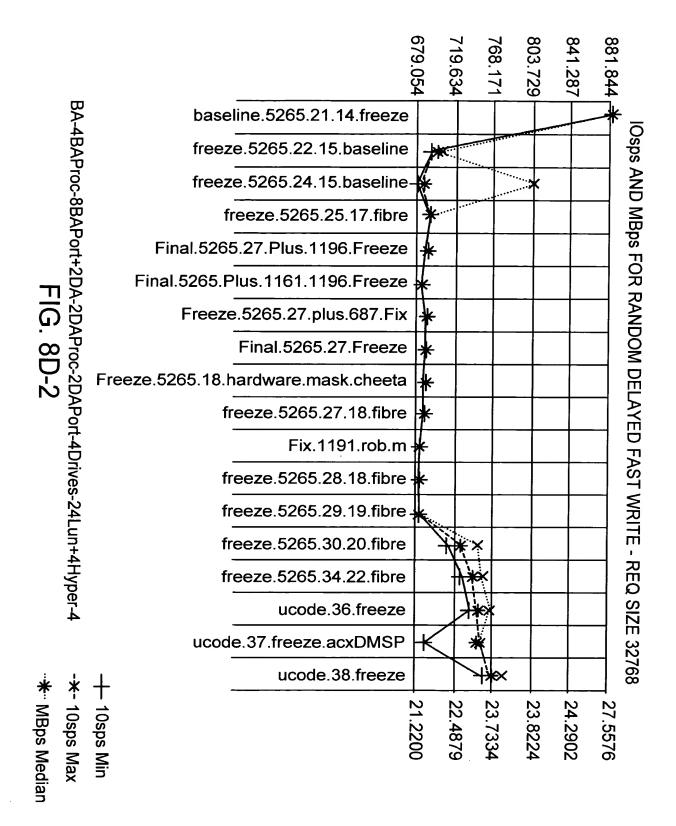


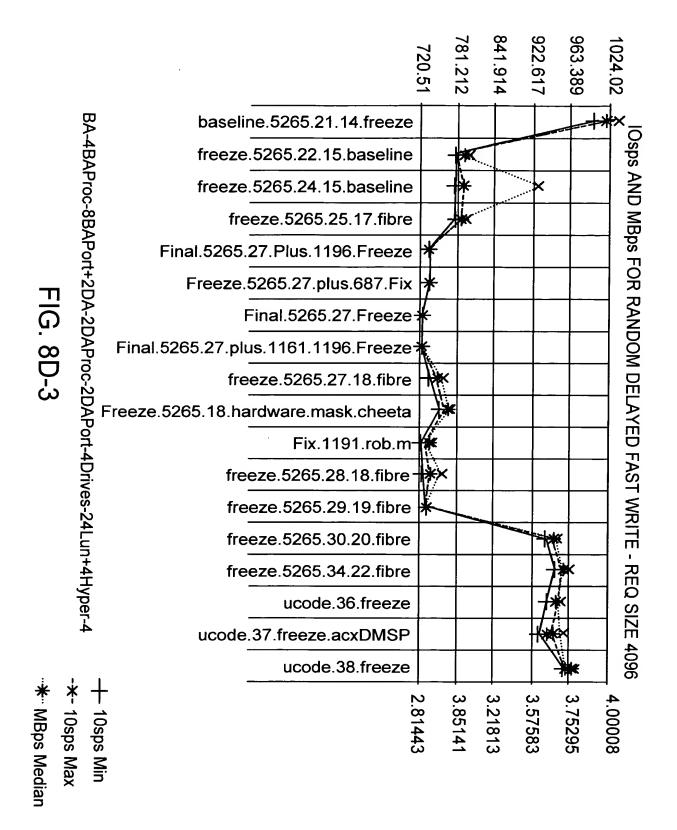
18/42

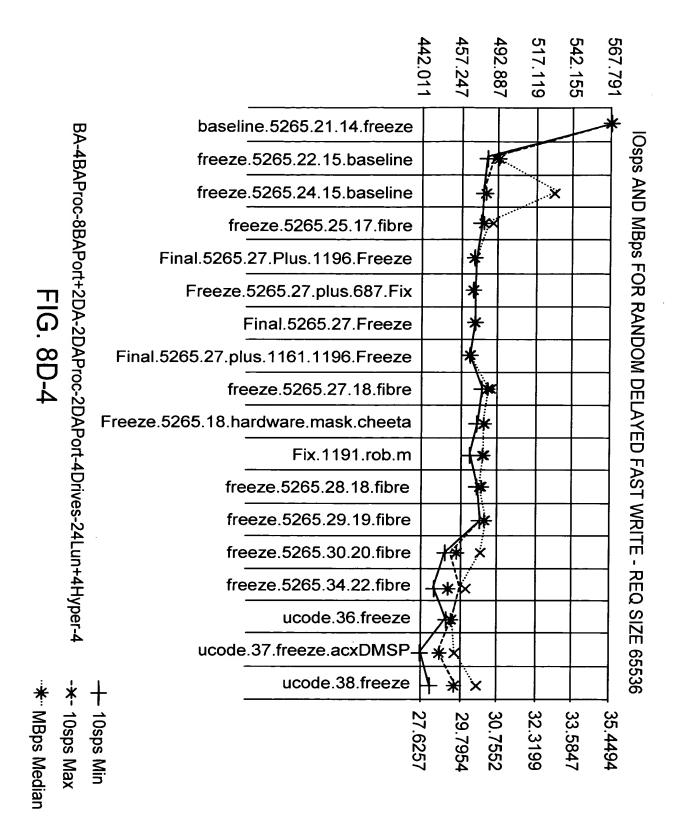


20/42

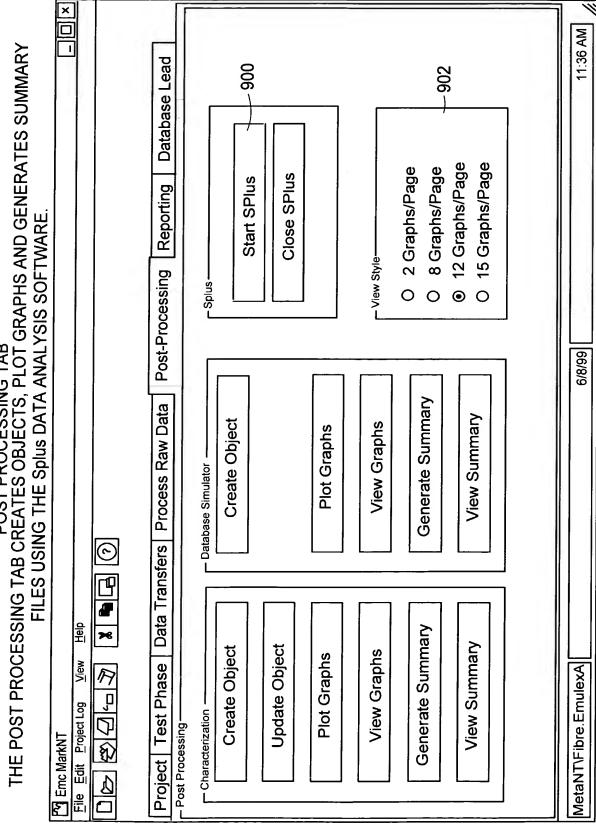








POST PROCESSING TAB CREATES OBJECTS, PLOT GRAPHS AND GENERATES SUMMARY





	Memc MarkNT Performance Charaterization W Eile Actions ⊻iew Help	Symmetrix Configuration Physical Device O Symmetrix Device DA-2B DA-2B Q DA-3B Q PA-12B Q DA-14B Q DA-14B Q DA-15B Q DA-15B Q DA-15B Q DA-16B Q
SYMMETRIX CONFIGURATION VIEW	Memc MarkNT Performance Charaterization W File Actions View Help	Symmetrix Configuration Physical Device O Symmetrix Device Productor Produ
	Memc MarkNT Performance Charaterization Wile Actions View Help	Symmetrix Configuration O Physical Device O Symmetrix Device CP001 CP002 H

										_								
×									7741440	34	ф	two-way mirror		□ RDF	□ BCS	□ BCV	☑ META	XO N
		TID: 0	O LCN:	Hyper Count:				Block Size: 512	Capacity:	Cylinders: 8064	Emulation: FBA	Mirror Policy: two		☐ PowerPath Parent	☐ PowerPath Child	☐ PowerPath Sibling	☐ No channel	
		EMC	SYMMETRIX	000183500055	SA-16B	7-		e: 000	M.\PHYSICALDRIVE0		55000321	Ready		☑ META Head	☐ META Member	☐ Gatekeeper	☐ Multichannel	<u>.</u>
DEVICE DETAIL Police Details	Symmetrix	Vendor Id:	Product Id:	Symmetrix Id:	Director:	Port Number:	r Device Detail	Symmetrix Device:	Physical Device:	Logical Device:	Serial Number:	Device Status:	T Flags	□ ckp	oss¥ □	NCM 	Mixed	

SYMMETRIX DETAILS

점 Director Details			X D T
- Symmetrix -			
Director:	FA-1A	Num Ports:	1
Director Type:	Fibre Adapter	Port 0 status:	On
Director Num:	_	Port 1 status:	N/A
Slot Num:	~	Port 2 status:	N/A
SCIS Width:	N/A	Port 3 status:	N/A
			OK

FIG. 90

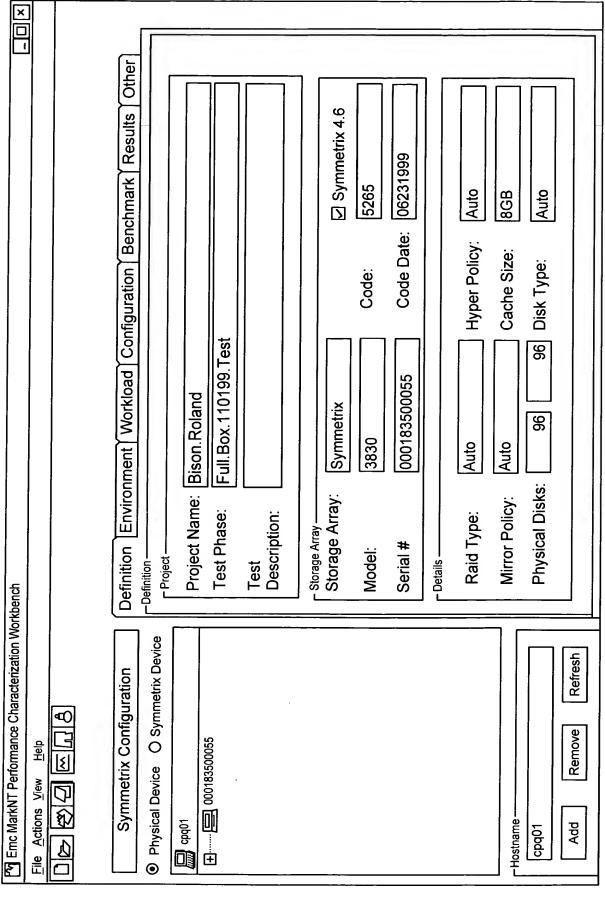


FIG. 9D

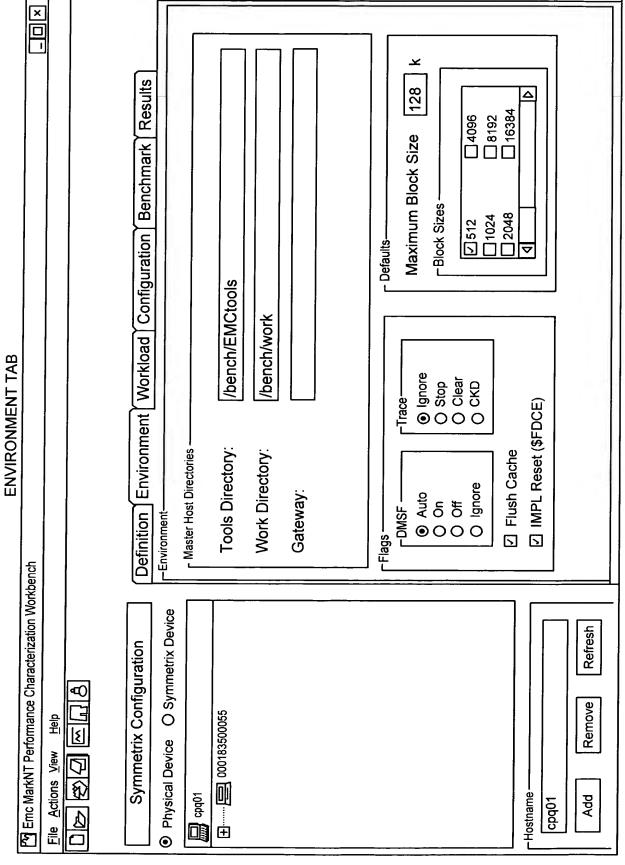


FIG. 9E

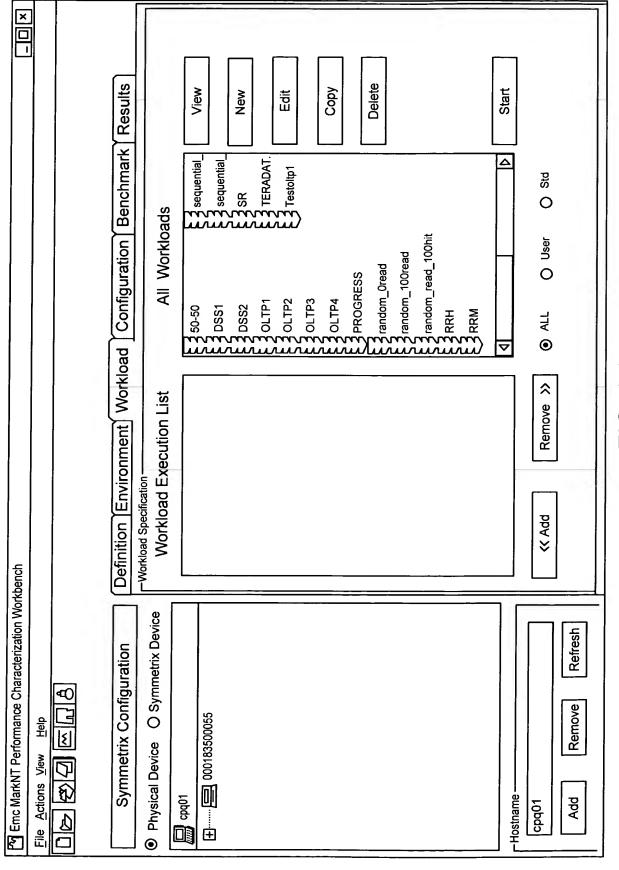


FIG. 9F

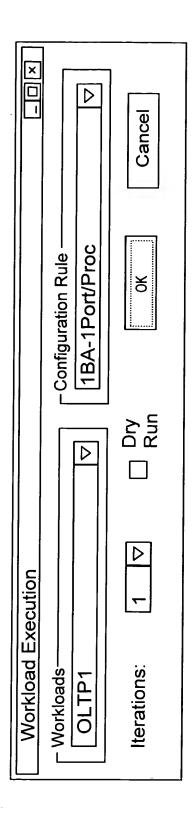
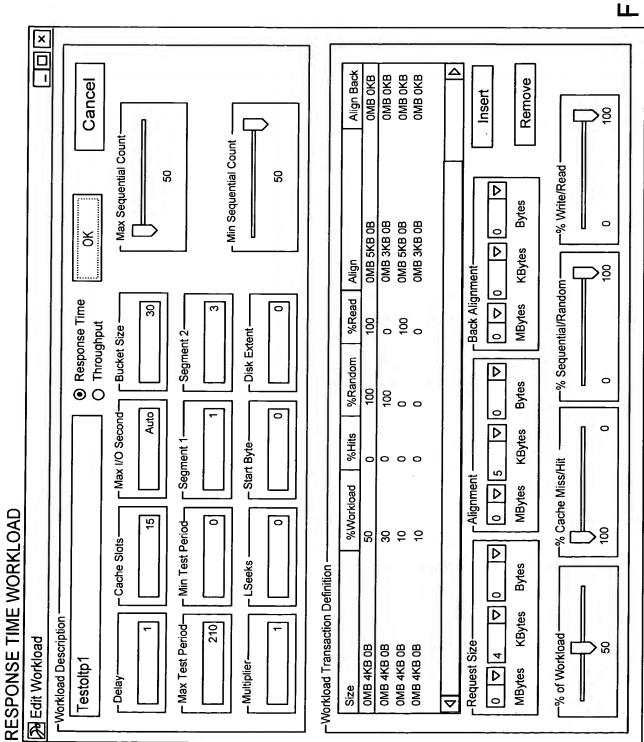
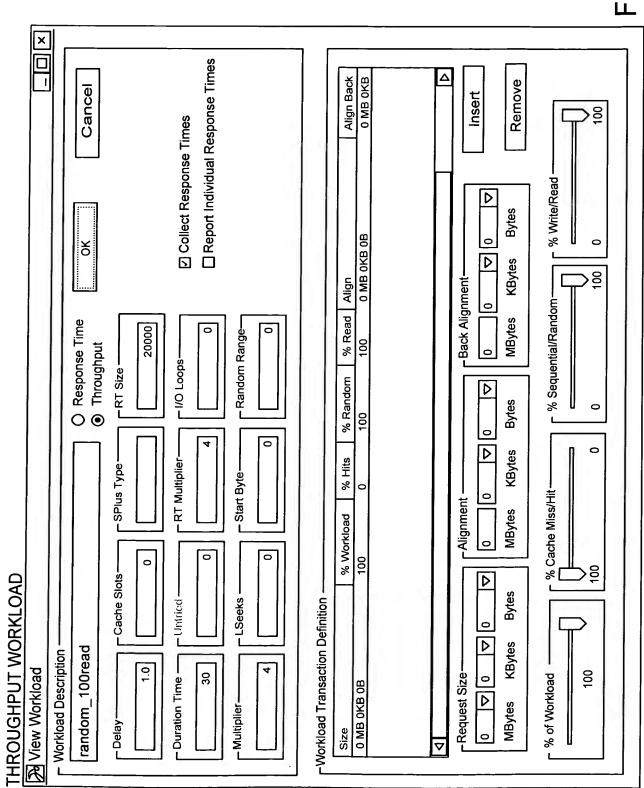


FIG. 9G





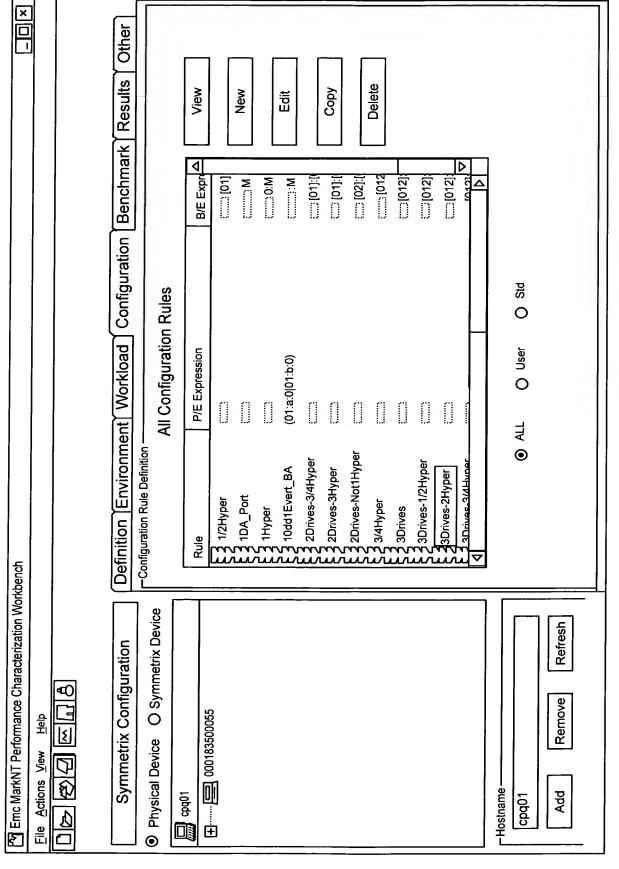
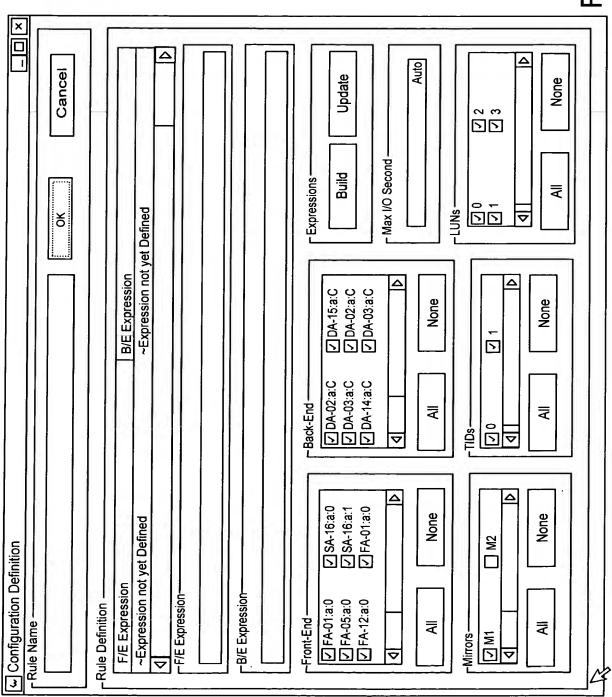


FIG. 9J

FIG. 9K



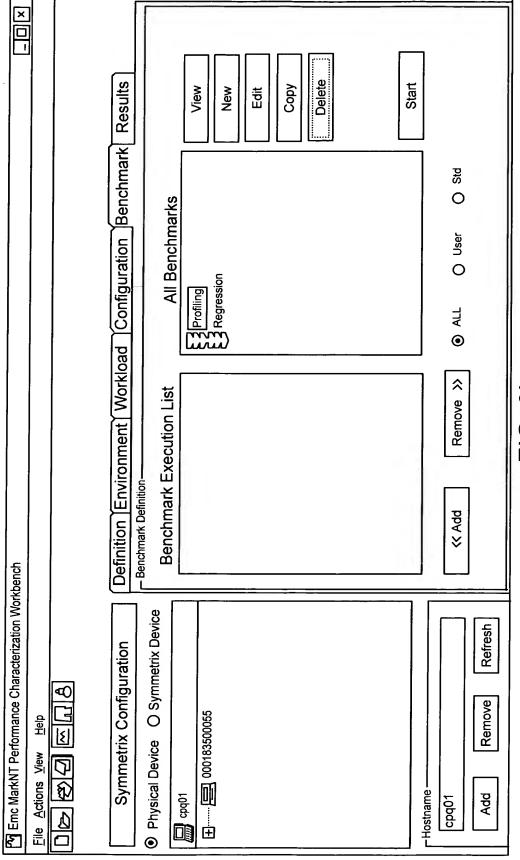


FIG. 9L

Benchmark Execution	ecution			× 0 -
⊢ Benchmark—				
Regression				
lterations:	3 \(\triangle \)	Dry Run	УО	Cancel

FIG. 9M

Regression Reg	√ View Benchmark				× -
Configuration Rule	P Benchmark Name				
Configuration Rule	Regression			11	Cancel
Configuration Rule Delay Milliseconds CacheSlots	P Benchmark Workload Definition	ion			
14yper 1	Workload	Configuration Rule	Delay Milliseconds	CacheSlots	Maxiops
Everything -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	RRM	1Hyper	-1	-	
Seeks	RRM	Everything		-	
3Hypers/4Drives -1 -1 -1 1Hyper	OLTP1	Everything	7	7	
1		3Hypers/4Drives	7	<u>-</u>	
1 Hyper	OLTP3	1Hyper/2Drives	7	7	
A 2Drives/DA-3Hyper/4Drives -1 -1 Cache Slots -1 -1 Period Min Test Period -1 -1 Period Min Test Period -1 -1 D -1 -1 -1 D	DSS1	1Hyper	7	7	
A 2Drives/DA-3Hyper/4Drives -1 Cache Slots Max I/O Second Bucket Size O Min Test Period Segment 1 Segment 2 O Min Test Period Start Byte Disk Extent O Configuration Rule I Hyper Insert	DSS2	Everthing	7	· -	
0 Cache Slots Max I/O Second Bucket Size 0 Min Test Period Segment 1 Segment 2 0 Min Test Period Segment 2 Description Colligoration Rule 0 Min Test Period Min Test Period Description Rule Description Rule 0 Min Test Period Min Test Period Description Rule	TERADATA	2Drives/DA-3Hyper/4Drives		· 	D
0 □	▼				Δ
0 □					Max Sequential Count —
Period			_	[
Period Min Test Period Segment 1 Segment 2		0	٦	_	04
0 □				2	
○ □ Canfiguration Rule □			_	_	
0 □			_		Min Sequential Count
0					
Configuration Rule This is a second of the	[0	_	_	_	20
Configuration Rule 1 Hyper	1) 	٦		_	<u> </u>
□ 1 Hyper	- Workload		Sule		
	RRM		D	Insert	Remove

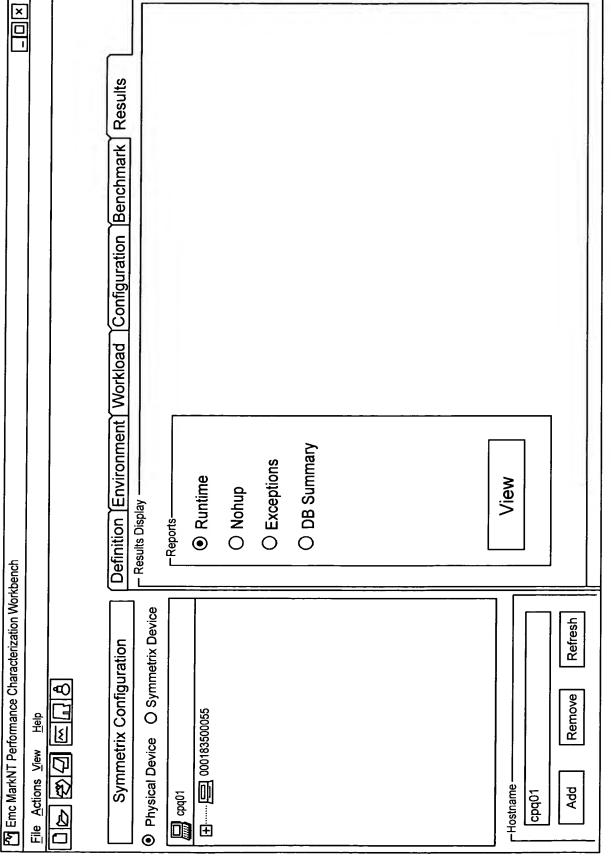


FIG. 90

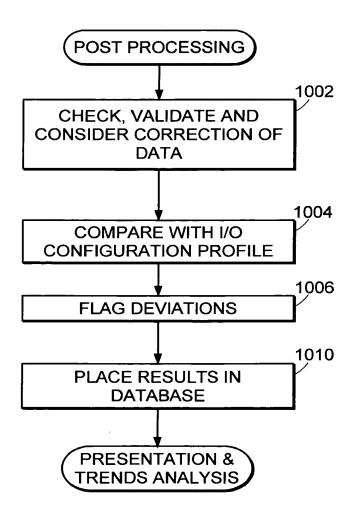


FIG. 10

max

- Summary Functions

IO Function

max

MB Function

test type

Configuration

none

Test Description

req size

Column

config

Row

Table Variables -

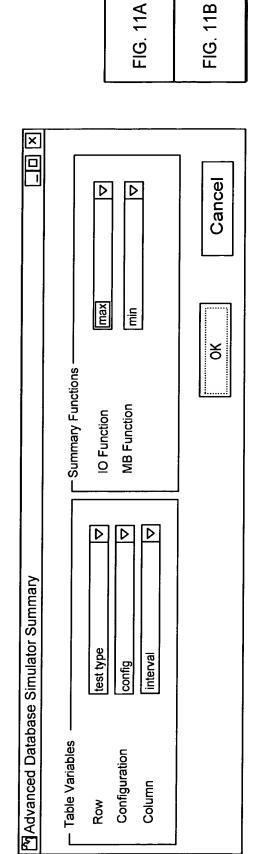


FIG. 10A

Cancel

숭

FIG. 10B

FIG. 11

FILE DESCRIPTIONS

FILE NAME	DESCRIPTION	HIGHLIGHTS
Char.Summary	SUMMARY FILE OF EACH CHARACTERIZATION TEST BROKEN DOWN BY ITERATION, TEST TYPE, AND CONFIGURATION	
Char.Splus	DATA FILE FEED TO Splus TO CREATE CHARACTERIZATION OBJECTS	
Char.Errors	CHARACTERIZATION ERRORS PRODUCED FROM PROCESSING THE RAW DATA FILES.	MESSAGE APPEARS IF ERROR FILE EXISTS
SX.Summary	SX SUMMARY DATA BROKEN DOWN BY ITERATION, TEST TYPE AND CONFIGURATION	
SX.Splus	DATA FILE FEED TO Splus: USED WITH Char.Summary FILE TO CREATE CHARACTERIZATION OBJECTS	
SX.Errors	SX ERRORS FROM PROCESSING THE RAW DATA FILES	MESSAGE APPEARS IF ERROR FILE EXISTS
_		

FIG. 11A

DB.Table	SUMMARY FILE OF EACH DB SIMULATOR TEST BROKEN DOWN BY ITERATION, TEST TYPE AND CONFIGURATION	
DB.Splus	DATA FILE FEED TO Splus TO CREATE DBSimulator OBJECTS	
DB.Errors	DB SIMULATOR ERRORS PRODUCED FROM PROCESSING THE RAW DATA FILES	MESSAGE APPEARS IF ERROR FILE EXISTS
SX_DB.Summary	SX DB SUMMARY DATA BROKEN DOWN BY ITERATION, TEST TYPE AND CONFIGURATION	
SX_DB.Splus	DATA FILE FEED TO Splus. USED WITH DB.Splus FILE TO CREATE DBSimulator OBJECTS	
SX_DB.Errors	SX_DB ERRORS PRODUCED FROM PROCESSING THE RAW DATA FILES	MESSAGE APPEARS IF ERROR FILE EXISTS
Cache Ratio Report	REPORT TRACKING THE CACHE RATIO FROM THE SYM AND THE PROCESSED DATA	REPORT NAME: "CacheRatioReport.txt" LOCATED IN THE RAW DATA FOLDER MESSAGE APPEARS IF A REPORT

FIG. 11B

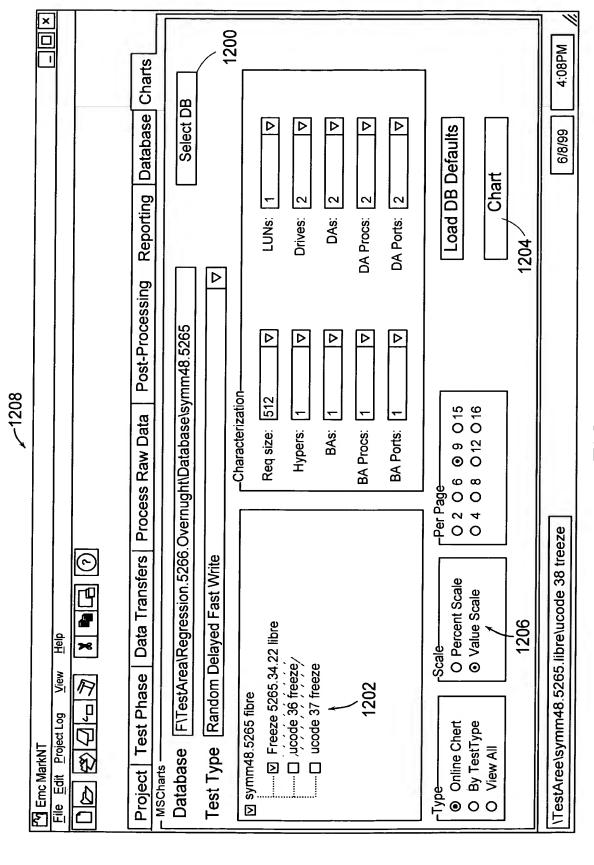


FIG. 12